

San Mateo County Energy Strategy – Energy and Water

Topics and Stakeholders

Energy Section

Original Document

- Current and historic snapshot of energy supply and issues
- Making energy conservation and energy efficiency standard practice
- Promoting greener and cleaner sources of energy
- Understanding baseline use
- Improving government facilities and operations
- Integration into government policies
- Create Energy Watch – Local Government Partnership
- Voluntary, incentivized, and mandatory green building ordinances (reach codes)
- Leveraging Energy Service Companies (ESCOs)
- Updating General and Strategic plans
- Green Building Policy
- Setting up revolving funds for energy efficiency
- Demand Response
- Loading order of energy generation fuels
- Self-generation
- Energy and Climate
- Energy-Water Nexus (intersection of energy efficiency and water conservation)

New Document

- Current and historic snapshot of energy supply and issues
- Energy efficiency
- Renewable energy
- Demand-side programs
- Microgrid
- Smart grid
- Electrified transportation
- Battery storage
- Energy-Water Nexus
- Fuel switching

Energy Stakeholder List

Peninsula Clean Energy	El Concilio or other nonprofit in energy
County of San Mateo	San Mateo County Community College District
Clean Coalition	City/Town Council (2)
SamTrans/Caltrain	City/Town Public Works/Fleet Vehicles (2)
Electric vehicle/bus manufacturer	Battery Storage Integrator
PG&E	Solar Company

Water Section

Original Document

Current and historic snapshot of water supply and issues

Drought tolerant plants and water conserving landscape infrastructure

Water conservation ordinances

High efficiency toilets and other water conserving fixtures

Update general plans to include water conservation and state-mandated landscape guidelines

Switch to artificial turf

Implement a water conservation rate structure

Encourage retail participation

Pre-plumb for greywater

Desalinization and re-use sources of water

Rainwater collection

New Document

Current and historic snapshot of water supply and issues

Leak detection – addressing water loss, utility and customer sides of the meter

Water auditing and efficiency – commercial, industrial, and institutional (CII) customers

Continuing work on development of alternative water supplies

Groundwater

Reuse

Onsite reuse

Desalination

Water Stakeholder List

BAWSCA

County of San Mateo

Water agencies (2-3)

Environmental Health

Silicon Valley Clean Water

San Mateo WWTP

Satellite Facility – Upstream treatment - West Bay Sanitary District